Draft Drawings Status/Issues/Edits
12 Oct 04

The drawings are draft. Use at your own risk. This is list of known issues and may not be complete.

General:

♦ All points schedules need to be reviewed to assess appropriateness of [X], X, [~], and ~ entries. This is particularly important in the case of LDPs.

♦ All point schedules may not contain 'Unit Status' SNVT as this was a recent update.

♦ The UMCS drawings are not included/posted yet:
  o UMCS riser diagram
  o UMCS alarm routing schedule (routing group & contact table)
  o UMCS Demand limit schedule

♦ Drawings have IP and metric layers. Both may be turned 'on' in some drawings.

M003. Points Schedule Instructions: Nothing on this drawing. We have a separate MS Word file that contains both designer and Contractor instructions. It is in draft form. Once final we will excerpt the Contractor instructions to M-003. In the meantime users of this drawing package will need to excerpt the instructions themselves. The final draft Points Schedule Instructions MS word file is provided.

M-601. Scheduling Sequence: Alarm handling sequence is mistakenly on this drawing. Users of drawing package will need to excerpt the Scheduling sequence from UFGS-15951 and place it on this drawing.

M-601d1. Alarm Generator Sequence: Intent is for most current text to be included in UFGS-15951 and excerpted by designer to this drawing, but text still needs to be developed and added to 15951.

M-602d2. Alarm Handling Sequence: Presently contains non-applicable placeholder text. Users of drawing package will need to excerpt the Alarm Handling sequence from UFGS-15951 and place it on this drawing.

M-613. VAV with Return Fan: This is the most complete/accurate of the system drawings in the drawing package.

♦ M613a In note 4, 'separate' is misspelled.

♦ M-613c1. Control logic diagrams (CLD). Needs static pressure reset CLD added to it. UFGS-15951 needs static pressure reset verbiage added to the sequence of operation.

- M-613f. Points Schedule. At top of Pts Schedule, needs contractor brackets < > added to: "DDC Hardware Hardware: <DDC##>"

- M-613f. Points Schedule. GENERAL NOTES A,B,C and D need to be deleted. These are redundant with the Points Schedule Instructions drawing M003.

- M-613f. Points Schedule. Need note for 'Unit Status'. Add verbiage "Unit status: Serves as monitored point at the M&C software and as a heating/cooling request to the boiler, heat exchanger, and/or chiller serving this system."

M-614. These may need rearranged to clarify which schematics pair up with their respective Schedules in M-614e1. Then again, maybe it's clear enough.

- M-614a1 and a2. Unit heater, gas fired IR, and dual temp FCU may need to be revised or delete the ladder diagrams.

- M-614. VAV box sequencing diagrams. Only have this for VAV box with reheat. Still need for other VAV boxes.

- M-614f2. Gas fired IR needs HTG-IR-2P added to Points Schedule.